

	E.C. Number	Enzyme Name
5	3.2.1.122	Alpha glucosidase
	3.2.2.1	Purine nucleosidase
	3.2.2.22	rRNA N-glycosidase
	3.4.11.1	Leucyl aminopeptidase
	3.4.11.5	Prolyl aminopeptidase
10	3.4.13.19	Dehydropeptidase I
	3.4.16.6	Carboxypeptidase D
	3.4.17.2	Carboxypeptidase B
	3.4.19.3	Pyroglutamyl-peptidase I
	3.4.21.1	Chymotrypsin
15	3.4.21.4	Trypsin
	3.4.21.5	Thrombin
	3.4.21.32	Bradykinin
	3.4.21.35	Tissue kallikrein
	3.4.21.62	Subtilisin
20	3.4.21.66	Thermitase
	3.4.21.81	Streptogrisin B
	3.4.21.82	Glutamyl endopeptidase II
	3.4.21.88	Repressor lexA
	3.4.22.2	Papain
25	3.4.22.28	Picornain 3C
	3.4.23.16	Retropepsin
	3.4.23.20	Penicillopepsin
	3.4.24.27	Thermolysin
	3.4.24.46	Adamalysin
30	3.5.1.1	Asparaginase
	3.5.1.5	Urease
	3.5.1.31	Formylmethionine deformylase

	E.C. Number	Enzyme Name
5	3.5.1.38	Glutaminase-(asparagin-)-ase
	3.5.1.59	N-carbamoylsarcosine amidase
	3.5.3.3	Creatinase
	3.5.4.4	Adenosine deaminase
	3.6.1.1	Inorganic pyrophosphatase
10	3.6.1.7	Acylphosphatase
	3.6.1.23	dUTP pyrophosphatase
	3.6.1.34	H(+)-transporting ATP synthase
	3.6.1.36	H/K ATPase
	3.6.1.38	Ca ATPase
15	3.8.1.5	Haloalkane dehalogenase
	4.1.1.1	Pyruvate decarboxylase
	4.1.1.7	Benzoylformate decarboxylase
	4.1.1.31	Phosphoenolpyruvate carboxylase
	4.1.2.13	Fructose-biphosphate aldolase
20	4.1.2.14	2-dehydro-3-deoxyphosphogluconate aldolase
	4.1.2.17	L-fuculose-phosphate aldolase
	4.1.3.3	N-acetylneuraminate lyase
	4.1.3.7	Citrate (si)-synthase
	4.2.1.1	Carbonate dehydratase
25	4.2.1.2	Fumarate hydratase
	4.2.1.11	Phosphopyruvate hydratase
	4.2.1.24	Porphobilinogen synthase
	4.2.1.39	Gluconate dehydratase
	4.2.1.51	Prephenate dehydratase
30	4.2.1.52	Dihydrodipicolinate synthase
	4.2.1.60	3-hydroxydecanoyl-[acyl-carrier protein] dehydratase
	4.2.99.18	DNA-(apurinic or apyrimidinic site) lyase

	E.C. Number	Enzyme Name
5	4.3.2.1	Argininosuccinate lyase
	4.6.1.2	Guanylate cyclase
	5.1.1.7	Diaminopimelate epimerase
	5.1.2.2	Mandelate racemase
	5.3.1.1	Triosephosphate isomerase
10	5.3.1.5	Xylose isomerase
	5.3.1.10	Glucosamine-6-phosphate isomerase
	5.3.3.1	Steroid delta-isomerase
	5.3.3.10	5-carboxymethyl-2-hydroxymuconate delta-isomerase
	5.3.99.3	prostaglandin endoperoxide synthase
15	5.4.2.1	Phosphoglycerate mutase
	5.4.2.2	Phosphoglucomutase
	5.4.99.5	Chorismate mutase
	5.5.1.1	Muconate cycloisomerase
	5.99.1.2	DNA topoisomerase
20	5.99.1.3	DNA topoisomerase (ATP-hydrolysing)
	6.2.1.5	Succinate--CoA ligase (ADP-forming)
	6.3.4.4	Adenylosuccinate synthase
	6.3.4.14	Biotin carboxylase
	6.3.5.2	GMP synthase (glutamine-hydrolysing)
25	6.3.5.5	Carbamoyl-phosphate synthase (glutamine-hydrolysing)
	6.4.1.2	Acetyl-CoA carboxylase

As will be appreciated by those in the art, use of the instant invention in conjunction with above FSDs and other three-dimensional templates of protein function, as well as with such other constructs as may be later developed, are within the scope of the invention.